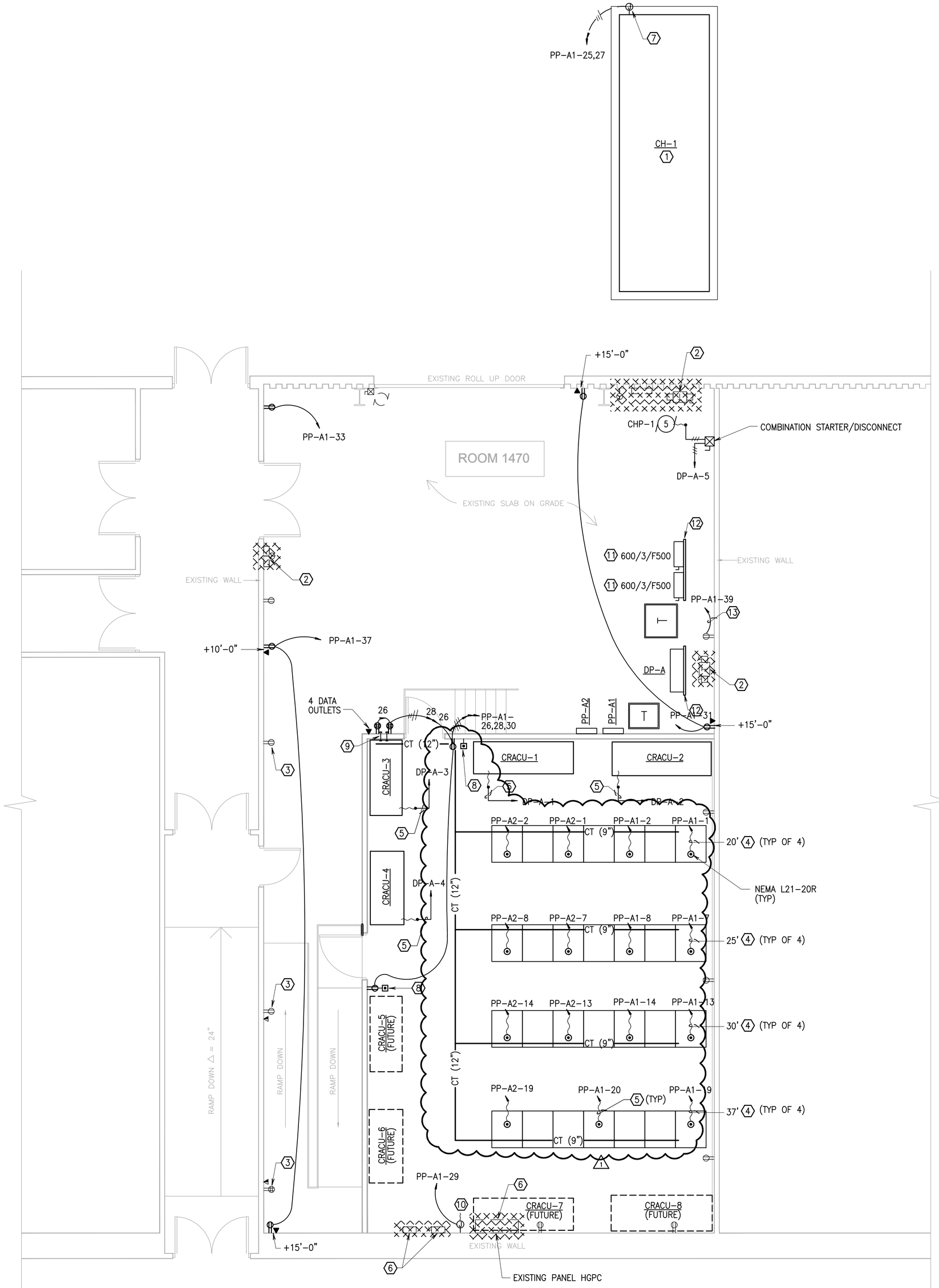

PARTIAL FIRST FLOOR PLAN

SCALE: 1/4" = 1'-0"

GENERAL NOTES: (APPLIES TO THIS DRAWING ONLY)

1. ALL EXISTING EQUIPMENT TO REMAIN UNLESS OTHERWISE NOTED.
2. INSTALL TOP OF CABLE TRAY 7'-6" ABOVE RAISED FLOOR.

KEYED NOTES: (APPLIES TO THIS DRAWING ONLY)

1. SEE DRWING E0.3 FOR CHILLER CIRCUITING DETAILS.
2. REMOVE EXISTING TRANSFORMER AND ATTACHED DISCONNECT SWITCHES ALONG WITH POWER PANEL FED FROM THE TRANSFORMER. REMOVE EXISTING CONDUIT AND WIRE ASSOCIATED WITH TRANSFORMER BACK TO PANELBOARD.
3. EXISTING POWER AND DATA OUTLETS TO REMAIN UNLESS OUTLETS CONFLICT WITH INSTALLATION OF NEW ACCESS RAMP. IF OUTLETS CONFLICT WITH RAMP CONSTRUCTION REMOVE OUTLETS AND RETAIN CIRCUIT TO SERVE ANY REMAINING OUTLETS.
4. PROVIDE FLEXIBLE CONDUIT
5. ENTIRE CIRCUIT SHALL BE 3#12 AND 1#12 G IN 0.75" CONDUIT.
6. REMOVE EXISTING PANELBOARD, DISCONNECT SWITCHES AND ASSOCIATED WIRE AND CONDUIT.
7. MAKE FINAL CONNECTION TO HEAT TRACE AND CHILLER CONTROL PER MANUFACTURER'S REQUIREMENTS.
8. EMERGENCY POWER OFF SWITCH, FULLY GUARDED, PUSH BUTTON TYPE WITH 2 NORMALLY OPEN MOMENTARY CONTACTS. SWITCH SHALL CONTROL SHUNT TRIP BREAKER IN PANEL DP-A.
9. INSTALL 2-3" CONDUITS THRU WALL. CONDUITS SHALL BE LOCATED 3" ABOVE TOP OF CABLE TRAY.
10. MAKE FINAL CONNECTION TO FIRE ALARM PANEL PER MANUFACTURER'S REQUIREMENTS.
11. PROVIDE LOCKABLE DISCONNECT SWITCH.
12. PROVIDE UNISTRUT SUPPORTS FOR EQUIPMENT.
13. REFEED EXISTING CIRCUIT TO NEW PANELBOARD.

NO.	REVISIONS	DATE

NO.	REVISIONS	DATE
	ISSUED FOR CONSTRUCTION	09/13/04
1	CABLE TRAY COORDINATION	11/10/04

Newcomb & Boyd
Consulting Engineering Group
Suite 525
303 Peachtree Center Avenue, NE
Atlanta, Georgia 30303-1277
T 404 730-8400
F 404 730-8401
CONTACT: JUSTIN ZIEGLER
N&B PROJECT: 04N080

GEORGIA INSTITUTE OF TECHNOLOGY
CEETHERM DATA CENTER
TEST LAB

TITLE

ELECTRICAL POWER PLAN

THIS DRAWING WAS PREPARED SITE SPECIFIC FOR THE ABOVE-NAMED PROJECT AND IS NOT, WITHOUT THE EXPRESS WRITTEN CONSENT OF NEWCOMB & BOYD, INTENDED FOR USE ON ADDITIONS TO THIS PROJECT, FOR COMPLETION OF THIS PROJECT BY OTHERS, OR FOR USE ON OTHER PROJECTS.

SEAL

PROJECT NO.	04N080
DATE	09/08/04
SCALE	1/4"=1'-0"
DRAWING NO.	E1.0

OF

FILE: Q:\04N080\PROJ\0 CAD DRAWINGS FILES\11150\E10 ELECTRICAL POWER PLAN.DWG
PLOT BY: JCT
PLOT DATE: 11/04/2004
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